

WE CLAIM:

1. A method of showing approval or disapproval of an item overheard on an audio system, comprising:  
  
    sending an item via radio waves to an audio system;  
  
    listening to said item on said audio system; and  
  
    activating a button to indicate approval or disapproval of said item.
2. The method of claim 1, wherein said activating is performed concurrently with said listening.
3. The method of claim 1, wherein said item is a song.
4. The method of claim 2, wherein said item is a song.
5. The method of claim 1, wherein a satellite digital audio system sends said item via radio waves to said audio system.
6. A method of unlocking a vehicle with a radio receiver that has a unique alpha-numeric identification name associated therewith, comprising:

sending a first signal to a satellite digital audio radio system indicating that a vehicle with a receiver with a unique alpha-numeric identification name is locked;

sending a radio signal from said satellite digital audio radio system to said receiver of said vehicle, wherein said radio signal is unique to said unique alpha-numeric identification name; and

unlocking said vehicle upon receipt of said radio signal by said receiver of said vehicle.

7. The method of claim 6, wherein said sending said first signal comprises using a touch-tone phone.

8. The method of claim 6, wherein said sending said first signal comprises using a web interface.

9. The method of claim 6, further comprising:  
generating a command signal from said radio signal; and  
sending said command signal to a multiplex network of said vehicle.

10. The method of claim 6, wherein said sending said first signal must be sent during a certain time period in order to permit said unlocking said vehicle.

11. The method of claim 10, wherein said certain time period is dependent on specific vehicle shutdown and wake-up capabilities of said vehicle.

12. A method of performing location specific applications, comprising:

sending a first signal to a satellite digital audio radio system from a vehicle requesting the performance of a location specific application;

sending information to said satellite digital audio radio system from said vehicle that represents a location of said vehicle at the time of sending said first signal;

determining said location of said vehicle; and

sending to said vehicle an answer to said location specific application based on said determining said location of said vehicle.

13. The method of claim 12, wherein said sending said first signal comprises sending said first signal to a terrestrial antenna.

14. The method of claim 12, wherein said sending said second signal comprises sending said second signal to a terrestrial antenna.

15. The method of claim 13, wherein said sending said second signal comprises sending said second signal to said terrestrial antenna.

16. The method of claim 12, wherein said location specific application comprises determining the nearest one of a certain type of commercial enterprise.

17. The method of claim 12, wherein said location specific application comprises determining the nearest one of a certain type of public enterprise.

18. The method of claim 12, wherein said location specific application comprises determining the nearest one of a certain type of event.

19. The method of claim 18, wherein said certain type of event comprises a traffic-related event.

20. The method of claim 19, wherein said traffic-related event is a traffic accident.

21. The method of claim 19, wherein said traffic-related event is a traffic light failure.

22. The method of claim 16, wherein based on said answering said request, a second request is sent to said satellite digital audio system asking for the most direct route to reach the location of said nearest one of a certain type of commercial enterprise.

23. The method of claim 17, wherein based on said answering said request, a second request is sent to said satellite digital audio system asking for the most direct route to reach the location of said nearest one of a certain type of public enterprise.

24. The method of claim 18, wherein based on said answering said request, a second request is sent to said satellite digital audio system asking for the best route to avoid the location of said nearest one of a certain type of event.

25. A two-way satellite digital audio radio system comprising:

- a ground station;
- an information source connected to said ground station;
- a satellite in communication with said ground station;
- a vehicle comprising a telematics interface device;
- a satellite-air interface that provides communication between said satellite and said telematics device; and

wherein said telematics interface device comprises a back-channel that is in communication with said information source independently of said satellite.

26. The system of claim 25, wherein said information source comprises a web site.

27. The system of claim 25, wherein said information source comprises a profile database.

28. The system of claim 25, wherein said information source comprises recorded music.

29. The system of claim 25, wherein said telematics interface device further comprises:

an antenna that receives signals from said satellite air interface;

and

a receiver that receives signals from said antenna.

30. The system of claim 29, wherein said receiver has a unique alpha-numeric name associated therewith.

31. The system of claim 25, further comprising a transformation system to support varying hardware platforms.

32. The system of claim 25, further comprising a second interface that allows communication between said back channel and said information source.

33. The system of claim 32, wherein said second interface is a terrestrial-air interface.

34. The system of claim 32, wherein said second interface is a satellite-air interface.

35. The system of claim 29, wherein said telematics interface device further comprises a receiver device partitioning system that is connected with said receiver and receives digital data from said receiver and extracts telematics-specific data from said digital data.

36. The system of claim 35, wherein said receiver device partitioning system comprises a data channel decoder that conducts channel decoding of said digital data.

37. The system of claim 35, wherein said receiver device partitioning system comprises a data service decoder that converts said digital data to a format that is functionally usable for said telematics interface device.

38. The system of claim 36, wherein said receiver device partitioning system comprises a data service decoder that converts said decoded digital data to a format that is functionally usable for said telematics interface device.



39. The system of claim 25, wherein said telematics interface device provides audio sound based on said communication between said satellite and said telematics device.

40. The system of claim 25, wherein said telematics interface device comprises a button that when depressed allows the purchase of an item.

41. The system of claim 25, wherein said telematics interface device comprises a button that when depressed indicates a like or dislike of an item.

42. The system of claim 25, wherein said telematics interface device comprises a global positioning system for determining the location of said vehicle.

43. A two-way satellite digital audio radio system comprising:  
a ground station;  
an information source means for providing information connected to said ground station;  
a satellite in communication with said ground station;

a vehicle comprising a telematics interface means for providing telematics applications;

a satellite-air interface means for providing communication between said satellite and said telematics interface means; and

wherein said telematics interface means comprises a back-channel that is in communication with said information source independently of said satellite.

44. The system of claim 43, wherein said telematics interface means further comprises:

an antenna that receives signals from said satellite air interface; and

a receiver means for receiving signals from said antenna.

45. The system of claim 43, further comprising a transformation system to support varying hardware platforms.

46. The system of claim 43, further comprising a second interface means for allowing communication between said back channel and said information source.

47. The system of claim 43, wherein said telematics interface device further comprises a receiver device partitioning means that is connected with said receiver and for receiving digital data from said receiver and extracting telematics-specific data from said digital data.

48. The system of claim 43, wherein said telematics interface means comprises a button that when depressed allows the purchase of an item.

49. The system of claim 43, wherein said telematics interface means comprises a button that when depressed indicates a like or dislike of an item.

50. The system of claim 44, wherein said telematics interface means comprises a global positioning system for determining the location of said vehicle.

51. A telematics interface device comprising:  
a receiver attached to a vehicle to receive radio signals from a satellite that contain telematics information; and  
a back-channel that sends telematics information outside of said vehicle independently of said satellite.

52. The device of claim 51 further comprising:  
an antenna that receives said radio signals from said satellite; and  
a receiver that receives signals from said antenna.

53. The device of claim 52, wherein said receiver has a unique alpha-numeric name associated therewith.

54. The device of claim 51, further comprising a receiver device partitioning system that is connected with said receiver and receives digital data from said receiver and extracts telematics-specific data from said digital data.

55. The device of claim 54, wherein said receiver device partitioning system comprises a data channel decoder that conducts channel decoding of said digital data.

56. The device of claim 54, wherein said receiver device partitioning system comprises a data service decoder that converts said digital data to a format that is functionally usable for said telematics interface device.

57. The device of claim 55, wherein said receiver device partitioning system comprises a data service decoder that converts said decoded digital data to a format that is functionally usable for said telematics interface device.

58. The device of claim 51, wherein said telematics interface device provides audio sound based on said communication between said satellite and said telematics device.

59. The device of claim 51, further comprising a button that when depressed allows the purchase of an item.

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61. The device of claim 51, further comprising a global positioning system for determining the location of said vehicle.